

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20060059929").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/03 10:07
L2	1053	(62/228.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/03 10:07
L3	475	(62/228.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/03 10:07
L4	257	(62/172).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/03 10:07
L5	478	(62/500).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/03 10:08
L6	662	(62/175).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/03 10:08
L7	873	(62/510).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/03 10:08
L8	147	(62/196.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/03 10:08
L9	257	(62/196.3).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/03 10:08
L10	467	(62/197).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/03 10:13
L11	1414	6 or 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:13
L12	33	11 and expander	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:14

## EAST Search History

L13	1515	2 or 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:14
L14	17	13 and expander	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:15
L15	3	12 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:16
L16	3762	compressor near4 parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:16
L17	12552	compressor near4 variable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:16
L18	543	16 and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:16
L19	31	18 and expander	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:17
L20	13	19 and "62"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:26
L21	328	masayuki.in. and "62"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:27
L22	4170	2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:27
L23	18	masayuki.in. and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:28
L24	3	21 and expander	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:29

## EAST Search History

L25	87	11 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 10:30
L26	4	("5628201"   "6276148"   "6321549"   "6564565").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:40
L27	334	variable with compressor with parallel	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:40
L28	51	22 and 27	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:41
L29	44	11 and 27	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:41
L30	69	("20030037555"   "20030041605"   "20030233837"   "20040000155"   "20050223724"   "2442021"   "3390320"   "3621365"   "3909687"   "4150425"   "4151725"   "4152902"   "4210957"   "4384462"   "4483152"   "4487028"   "4502842"   "4546423"   "4562531"   "4614089"   "4633672"   "4679404"   "4787211"   "4876859"   "4877388"   "4947655"   "4958118"   "5010287"   "5123256"   "5131237"   "5231846"   "5235504"   "5343384"   "5350992"   "5446645"   "5488279"   "5492273"   "5503248"   "5509504"   "5528114"   "5586444"   "5669225"   "5735134"   "5797729"   "5845509"   "5894736"   "5896021"   "6008616"   "6018957"   "6031738"   "6035651"   "6124697"   "6185946"   "6229722"   "6233954"   "6325142"   "6370888"   "6408645"   "6434960"   "6459596"   "6459606"   "6463748"   "6499504"   "6516622"   "6540148"   "6579067"   "6659726").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:44
L31	0	30 and expander	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:44
L32	1	28 and expander	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:45

## EAST Search History

L33	11	27 and expander	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:46
L34	109	27 and "62"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:51
L35	36428	compressor with motor	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:47
L36	61	34 and 35	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:47
L37	47	34 and 35	USPAT; USOCR	OR	ON	2008/01/03 10:48
L38	9	37 and (discharge near4 pressure).	USPAT; USOCR	OR	ON	2008/01/03 10:50
L39	467	compressor with motor with expander	USPAT; USOCR	OR	ON	2008/01/03 10:50
L40	221	39 and "62"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 10:51
L41	221	39 and "62"/\$.ccls.	USPAT; USOCR	OR	ON	2008/01/03 10:51
L42	17	39 and 22	USPAT; USOCR	OR	ON	2008/01/03 10:51
L43	481	expander with bypass	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 11:18
L44	107	43 and "62"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 11:18
L45	76	43 and "62"/\$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 11:21
L46	13	43 and 22	USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 11:21